-	629134	channel tap estimator\$1	USPAT	2003/09/15 16:05
_	7770	(((controller\$1 and (frame buffer\$1)) and	USPAT	2003/09/15 16:06
		((quantiz\$3 with demodulated signal\$1) and		
		(((((channel estimator\$1) and (detect\$3 with		
		channel characteristic\$1 with received		
		signal\$1)) and (analy\$4 with detected		
		channel characteristic\$1)) and (determin\$3		
į		with correction parameter\$1)) and		
ļ		(demodulat\$3 with received signal\$1)))) and		
		(viterbi decoder\$1)) and (channel tap		
		estimator\$1)		
	605305		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2002/00/15 16 06
-	607305		USPAT	2003/09/15 16:06
-	7721	((((controller\$1 and (frame buffer\$1)) and	USPAT	2003/09/15 16:06
		((quantiz\$3 with demodulated signal\$1) and		
		(((((channel estimator\$1) and (detect\$3 with		
	1	channel characteristic\$1 with received		
		signal\$1)) and (analy\$4 with detected		
		channel characteristic\$1)) and (determin\$3		
		with correction parameter\$1)) and		
		(demodulat\$3 with received signal\$1)))) and		
		(viterbi decoder\$1)) and (channel tap		
		estimator\$1)) and (dynamically fading		
1		channel)		
-	563404	detect\$3 with fading characteristic\$1 with	USPAT	2003/09/15 16:07
		fading channel\$1		
1 -	563404	,	USPAT	2003/09/15 16:08
		fading channel\$1) and (detect\$3 with fading		,, 10.00
		characteristic\$1 with fading channel\$1)		
_	955189	estimating with RMS with received signal\$1	USPAT	2003/09/15 16:08
-			1	
-	256495	((detect\$3 with fading characteristic\$1 with	USPAT	2003/09/15 16:09
		fading channel\$1) and (detect\$3 with fading		
		characteristic\$1 with fading channel\$1)) and		
1		(estimating with RMS with received signal\$1)		
-	4135	l · · · · · · · · · · · · · · · · · · ·	USPAT	2003/09/15 16:16
		714/795.ccls. or 375/341.ccls. or		
	İ	375/243.ccls. or 375/346.ccls. or		
		375/340.ccls. or 375/262.ccls. or		ļ -
		375/265.ccls. or 375/347.ccls. or		
		375/348.ccls.		ļ
-	2843	(((detect\$3 with fading characteristic\$1	USPAT	2003/09/15 16:17
		with fading channel\$1) and (detect\$3 with		1
		fading characteristic\$1 with fading		
		channel\$1)) and (estimating with RMS with		
		received signal\$1)) and (714/746.ccls. or		
		714/704.ccls. or 714/795.ccls. or		
		375/341.ccls. or 375/243.ccls. or		
		375/346.ccls. or 375/340.ccls. or		
	1	375/262.ccls. or 375/265.ccls. or		
		375/347.ccls. or 375/348.ccls.)		
	1 7	375/347.0018. OF 375/348.0018.) 714/780.ccls. and ((((detect\$3 with fading	USPAT	2003/09/15 17:09
-	1		DOPAL	2003/03/13 17:03
)	characteristic\$1 with fading channel\$1) and		
	1	(detect\$3 with fading characteristic\$1 with		
	1	fading channel\$1)) and (estimating with RMS		
	1	with received signal\$1)) and (714/746.ccls.	1	
	1	or 714/704.ccls. or 714/795.ccls. or		
]	375/341.ccls. or 375/243.ccls. or	1	
	1	375/346.ccls. or 375/340.ccls. or	1	
	1	375/262.ccls. or 375/265.ccls. or	1]
	-	375/347.ccls. or 375/348.ccls.))		
-	11738	"Q(.)"	USPAT	2003/09/15 17:10
-	0	(((detect\$3 with fading characteristic\$1	USPAT	2003/09/15 17:10
	1	with fading channel\$1) and (detect\$3 with	1	
	1	fading characteristic\$1 with fading		
	1	channel\$1)) and (estimating with RMS with	İ	l l
	1	received signal\$1)) and (714/746.ccls. or		ļ
	Ī	714/704.ccls. or 714/795.ccls. or	1	
		375/341.ccls. or 375/243.ccls. or	1	
	1	375/341.ccis. or 375/243.ccis. or 375/346.ccls. or		
	1			
		375/262.ccls. or 375/265.ccls. or	1	
		375/347.ccls. or 375/348.ccls.)) and "Q(.)"	lansa	
-	562719		USPAT	2003/09/15 17:11
1	L	unknown channel\$1	1	1

-		storing with received portion	USPAT	2003/09/15 17:12
-	1580696		USPAT	2003/09/15 17:13
-	1501786		USPAT	2003/09/15 17:14
		detected channel characteristic\$1		
-	439173	(receiving with portion with signal with	USPAT	2003/09/15 17:14
		unknown channel\$1) and (storing with]
		received portion)		
-	439054	·	USPAT	2003/09/15 17:15
		((receiving with portion with signal with		
		unknown channel\$1) and (storing with		
		received portion))		.
-	439050		USPAT	2003/09/15 17:16
		detected channel characteristic\$1) and	,	
		((detecting channel characteristic\$1) and		
		((receiving with portion with signal with		
		unknown channel\$1) and (storing with		
		received portion)))		1
-	1669	(714/746.ccls. or 714/704.ccls. or	USPAT	2003/09/15 17:18
		714/795.ccls. or 375/341.ccls. or		1
		375/243.ccls. or 375/346.ccls. or		1
		375/340.ccls. or 375/262.ccls. or		
		375/265.ccls. or 375/347.ccls. or		
		375/348.ccls.) and ((estimating wit		
		correction action with detected channel		l
1		characteristic\$1) and ((detecting channel		
		characteristic\$1) and ((receiving with		
		portion with signal with unknown channel\$1) and (storing with received portion)))		
	66		USPAT	2003/09/15 17:18
	8	((714/746.ccls. or 714/704.ccls. or	USPAT	2003/09/15 17:18
_	ľ	714/795.ccls. or 375/341.ccls. or	USPAI	2003/09/15 17:19
		375/243.ccls. or 375/346.ccls. or		.
		375/340.ccls. or 375/262.ccls. or		i l
		375/265.ccls. or 375/347.ccls. or		
		375/348.ccls.) and ((estimating wit		
		correction action with detected channel		
		characteristic\$1) and ((detecting channel	1	
1		characteristic\$1) and ((receiving with		
		portion with signal with unknown channel\$1)		
		and (storing with received portion))))) and		
		714/780.ccls.		
		1 1	L	

L Number	Шi+с	Search Text	DB	Time stamp
- Number		channel estimator\$1	USPAT;	2003/09/15 15:31
-	12//403	Chainlei escimatorși	US-PGPUB;	2003/03/13 13:31
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	3536631	detect\$3 with channel characteristic\$1 with	USPAT;	2003/09/15 15:32
	-	received signal\$1	US-PGPUB;	1.
		1 20021.00 223	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	3004800	analy\$4 with detected channel	USPAT:	2003/09/15 15:33
		characteristic\$1	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
] -	763778	determin\$3 with correction parameter\$1	USPAT;	2003/09/15 15:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	<u> </u>
-	474825	(channel estimator\$1) and (detect\$3 with	USPAT;	2003/09/15 15:37
]		channel characteristic\$1 with received	US-PGPUB;	
1		signal\$1)	EPO; JPO;	
1			DERWENT;	
	471700	//	IBM_TDB	0000/00/55 55 55
[-	471799	((channel estimator\$1) and (detect\$3 with	USPAT;	2003/09/15 15:41
1		channel characteristic\$1 with received	US-PGPUB;	
		signal\$1)) and (analy\$4 with detected	EPO; JPO;	
		channel characteristic\$1)	DERWENT;	
_	05101	(((channel estimator\$1) and (detect\$3 with	IBM_TDB USPAT	2002/00/15 15 57
-	92101	channel characteristic\$1 with received	USPAI	2003/09/15 15:57
		signal\$1)) and (analy\$4 with detected		
l		channel characteristic\$1)) and (determin\$3		
		with correction parameter\$1)		
l	955295		USPAT	2003/09/15 16:00
-	955188	quantiz\$3 with demodulated signal\$1	USPAT	2003/09/15 16:00
-	84563	((((channel estimator\$1) and (detect\$3 with	USPAT	2003/09/15 16:01
		channel characteristic\$1 with received		2003, 03, 23 20101
		signal\$1)) and (analy\$4 with detected		
		channel characteristic\$1)) and (determin\$3		
	•	with correction parameter\$1)) and		
		(demodulat\$3 with received signal\$1)		
-	84560	(quantiz\$3 with demodulated signal\$1) and	USPAT	2003/09/15 16:02
		(((((channel estimator\$1) and (detect\$3 with		
		channel characteristic\$1 with received	-	
		signal\$1)) and (analy\$4 with detected	•	
		channel characteristic\$1)) and (determin\$3	1	
1		with correction parameter(1)) and		
	200220	(demodulat\$3 with received signal\$1))	Hans	2002/02/25 25 55
[296286	controller\$1 frame buffer\$1	USPAT	2003/09/15 16:02
	122528	l '	USPAT	2003/09/15 16:02
	20917	controller\$1 and (frame buffer\$1) (controller\$1 and (frame buffer\$1)) and	USPAT	2003/09/15 16:04
-	2091/	((quantiz\$3 with demodulated signal\$1) and	USPAT	2003/09/15 16:04
		(((((channel estimator\$1) and (detect\$3 with		
		channel characteristics1 with received		
	:	signal\$1)) and (analy\$4 with detected]
		channel characteristic(1)) and (determin(3)		
		with correction parameter\$1)) and		Ī
		(demodulat\$3 with received signal\$1)))		
-	100434	viterbi decoder\$1	USPAT	2003/09/15 16:05
-	7770	((controller\$1 and (frame buffer\$1)) and	USPAT	2003/09/15 16:05
		((quantiz\$3 with demodulated signal\$1) and		
. ,		(((((channel estimator\$1) and (detect\$3 with		
		channel characteristic\$1 with received	I	
		Chainer characteristics; with received	1	
		signal\$1)) and (analy\$4 with detected		
		signal\$1)) and (analy\$4 with detected channel characteristic\$1)) and (determin\$3		
		signal\$1)) and (analy\$4 with detected channel characteristic\$1)) and (determin\$3 with correction parameter\$1)) and		
		signal\$1)) and (analy\$4 with detected channel characteristic\$1)) and (determin\$3		